

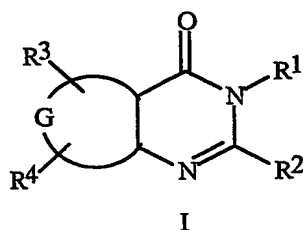
CLAIMS

What is claimed is:

1. A fungicidal composition comprising:

(1) at least one compound selected from the fused pyrimidinones of Formula I,

5 *N*-oxides, and suitable salts thereof,



wherein

G is a fused phenyl, thiophene or pyridine ring;

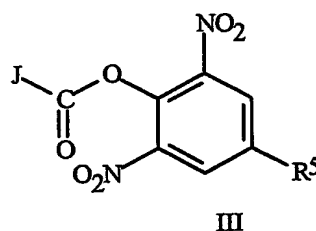
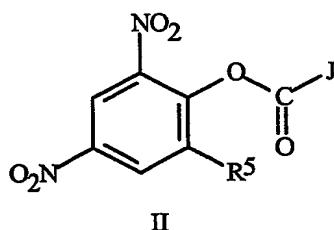
R¹ is C₁-C₆ alkyl or C₄-C₇ cycloalkylalkyl;

10 R² is C₁-C₆ alkyl, C₁-C₆ alkoxy or C₁-C₆ alkylthio;

R³ is halogen; and

R⁴ is hydrogen or halogen; and

(2) at least one dinitrophenolic compound selected from the group consisting of compounds of Formula II and compounds of Formula III



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wherein

J is C₁-C₆ alkyl, C₁-C₆ alkoxy or C₂-C₆ alkenyl; and

R⁵ is C₁-C₈ alkyl.

20 2. A composition of Claim 1 wherein in component (1), R¹ is propyl or cyclopropylmethyl and R² is propyloxy or propylthio.

3. A composition of Claim 2 wherein component (2) is provided by dinocap.

4. A composition of Claim 2 wherein component (1) comprises a compound selected from the group consisting of

6-bromo-3-propyl-2-propyloxy-4(3*H*)-quinazolinone,

25 6,8-diiodo-3-propyl-2-propyloxy-4(3*H*)-quinazolinone,

6-iodo-3-propyl-2-propyloxy-4(3*H*)-quinazolinone,

6-chloro-2-propoxy-3-propylthieno[2,3-*d*]pyrimidin-4(3*H*)-one,

6-bromo-2-propoxy-3-propylthieno[2,3-*d*]pyrimidin-4(3*H*)-one,

7-bromo-2-propoxy-3-propylthieno[3,2-*d*]pyrimidin-4(3*H*)-one,
6-bromo-2-propoxy-3-propylpyrido[2,3-*d*]pyrimidin-4(3*H*)-one,
6,7-dibromo-2-propoxy-3-propylthieno[3,2-*d*]pyrimidin-4(3*H*)-one, and
3-(cyclopropylmethyl)-6-iodo-2-(propylthio)pyrido[2,3-*d*]pyrimidin-4(3*H*)-one.

5 5. A composition of Claim 3 wherein G is a fused phenyl or thiophene ring; R¹ is propyl; R² is propyloxy; R³ is Cl, Br or I in the 6-position; and R⁴ is hydrogen.

6. A composition of Claim 3 wherein component (1) comprises
6-iodo-3-propyl-2-propyloxy-4(3*H*)-quinazolinone or
6-chloro-2-propoxy-3-propylthieno[2,3-*d*]pyrimidin-4(3*H*)-one.

10 7. A composition of Claim 6 wherein component (1) comprises
6-iodo-3-propyl-2-propyloxy-4(3*H*)-quinazolinone.

8. A composition of Claim 1 which comprises a compound of Formula II and a
compound of Formula III.

15 9. A composition of Claim 1 which further comprises (3) at least one other
fungicide useful in controlling a powdery mildew disease but having a different mode of
action from those of component (1) and component (2).

20 10. A composition of Claim 9 wherein component (3) includes at least one fungicide
selected from the group consisting of compounds acting at the *bc*₁ complex of the fungal
mitochondrial respiratory electron transfer site, compounds acting at the demethylase
enzyme of the sterol biosynthesis pathway and morpholine and piperidine compounds that
act on the sterol biosynthesis pathway.

11. A method for controlling a powdery mildew plant disease caused by a fungal
plant pathogen, comprising applying to the plant or portion thereof, or to the plant seed or
seedling, a fungicidally effective amount of a composition of Claim 1.

25 12. The method of Claim 11 wherein wheat powdery mildew is controlled.

13. The method of Claim 11 wherein the fungal plant pathogen *Erysiphe graminis* is
controlled.

30 14. A method for controlling a powdery mildew plant disease caused by a fungal
plant pathogen, comprising applying to the plant or portion thereof, or to the plant seed or
seedling, a fungicidally effective amount of a composition of Claim 9.

35 15. The method of Claim 14 wherein component (3) of the composition includes at
least one fungicide selected from the group consisting of compounds acting at the *bc*₁
complex of the fungal mitochondrial respiratory electron transfer site, compounds acting at
the demethylase enzyme of the sterol biosynthesis pathway and morpholine and piperidine
compounds that act on the sterol biosynthesis pathway.